



Brookstone®

Flight Force™

FLYING TANK DRONE



WARNING: CHOKING HAZARD – Small Parts
Not for Children under 3 years.

for ages
14+

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CAUTION

- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. THERE ARE NO SERVICEABLE PARTS INSIDE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

IMPORTANT SAFETY INSTRUCTIONS

All of the safety and operating instructions should be read, adhered to and followed before the unit is operated.

SAVE THESE INSTRUCTIONS

DANGER

To reduce the risk of electric shock, burns, fire or injury:

1. Do not use while bathing or in a shower.
2. Do not place or store unit where it can fall or be pulled into a tub or sink.
3. Do not place in, drop or submerge in water or other liquid.
4. Do not reach for unit that has fallen into water. Unplug it immediately.
5. Care should be taken so that objects do not fall and liquids are not spilled onto the unit.

WARNING

1. Close supervision is necessary when this appliance/product is used near children or mentally disabled individuals.
2. This drone is recommended for use by persons aged 14 and older.
3. Use this unit only for its intended use as described in this manual.
4. Unplug this unit during lightning storms or when unused for long periods of time.
5. Never drop or insert an object into any opening.
6. Protect the charging cable from being walked on or pinched, particularly at plug outlets, convenience receptacles and the point where it exits the unit.
7. Do not allow charging cable to touch hot surfaces. Wrap cord loosely around the unit when storing.
8. The unit should be situated away from direct sunlight or heat sources such as radiators, electric heaters, heat registers, stoves, or other units (including amplifiers) that produce heat. Avoid placing on top of stereo equipment that radiates heat.
8. Never block the air openings of the unit with materials such as clothing, plastic bags or papers, or place it on a soft surface such as a bed or couch, where the air openings may be blocked.

9. Do not carry this unit by cord or use cord as handle.
10. Never operate this unit if it has a damaged cable, if it is not working properly, or if it has been dropped or damaged, or dropped into water. If the unit's charging cable or plug is damaged, do not attempt to fix it yourself.
11. To avoid the risk of electric shock, do not disassemble or attempt to repair the unit. Incorrect repair can cause risk of electric shock or injury to persons when unit is used.
12. Do not operate in the presence of explosive and/or flammable fumes.

DRONE WARNINGS

1. The drone's blades revolve at high speeds and can cause damage to the user, spectators and animals. Stand away from the drone to reduce the risk of getting into the flight path and always maintain visual contact with the drone while flying.
2. Warn spectators that you will be flying your drone so that they are aware of its position.
3. Before flight, inspect the rotor blades to make certain that the blades are securely fastened to the drone. Do not use if there is any damage that impacts flight characteristics.
4. Before flying check your local laws and regulations pertaining to drone usage, particularly around airports.
5. Operating the drone in a wide-open space is recommended. The ideal space should have a 200-foot radius, without buildings, crowds, or electrical power lines.
6. Do not fly near tall buildings, high voltage cables, or other places that produce signal interference. Signal interruptions may result in accidents.
7. Parental guidance or adult supervision is suggested at all times.
8. If you are flying the drone with others, make sure all spectators are behind you and at least 6 feet from the drone.

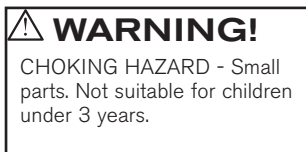
9. For best performance, it is recommended that you operate the drone in zero or light wind conditions, as wind can greatly affect the performance of the aircraft.
10. Record responsibly. Respect the privacy of individuals when recording video or taking photos with the drone.
11. Obtain permission from individuals before circulating videos or photos taken with the drone.

CAUTION: DO NOT ATTEMPT TO FLY THE DRONE IF THERE IS RAIN, SNOW, HEAVY WINDS, THUNDER OR LIGHTNING OUTDOORS. IT COULD DAMAGE YOUR PRODUCT AND MAY CAUSE BODILY HARM.



WARNING!

- Choking/cutting hazard. Small parts/sharp rotor blades.
- Keep hands, hair and loose clothing away from the propeller when the power switch is turned to the ON position.
- Not suitable for children under 14 years old. Parental supervision recommended.



FCC INFORMATION

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This equipment may not cause harmful interference.
2. This equipment must accept any interference received, including interference that may cause undesired operation.

WARNING: To comply with FCC's RF radiation exposure limits for general population/uncontrolled exposure, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

FCC ID: Z3CDRW358F60W **FC**

LI-PO BATTERY WARNING

This device contains a Lithium-Polymer battery. The battery must be recycled or disposed of properly. Contact your local waste management office for information on battery recycling or disposal.

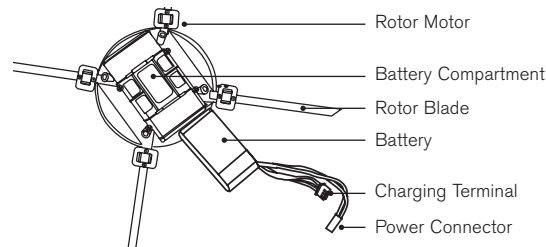
Use only the supplied cable to recharge the battery. Improper charging may damage the battery and the device.

Do not attempt to open the rechargeable battery or battery pack. There are no serviceable parts inside.

Keep the battery out of reach of children. If swallowed, consult a physician immediately.

Do not expose the battery to high temperatures or dispose of battery in a fire as it may explode. The battery may also explode if damaged. (BC)

LOCATION OF PARTS



CHARGING THE DRONE'S BATTERY

The Flying Tank Drone includes a rechargeable Lithium-Polymer battery. Charge the battery before first use.

To charge the drone's battery:

1. Connect the charging cable to the Charging Terminal on the battery, ensuring that the pins align properly. (You do not have to remove the battery from the Battery Compartment to charge the battery.)
2. Insert the charging cable's USB connector into a USB port on an active device, such as a computer, USB adapter, or power bank. The LED in the charging cable is red while charging. The LED turns off when fully charged.
3. When fully charged, disconnect the charging cable.

WARNING: Do not operate the drone when the battery charge is low. The battery may be damaged and may no longer accept a charge. Land the drone immediately and recharge the battery.

DOWNLOADING THE FLYING TANK APP

You control your drone from your smartphone or tablet using the Flying Tank app. To download the app for iOS® devices, visit the App Store®; to download the app for Android™ devices visit the Google Play™ store. Search for and install FLYING TANK.

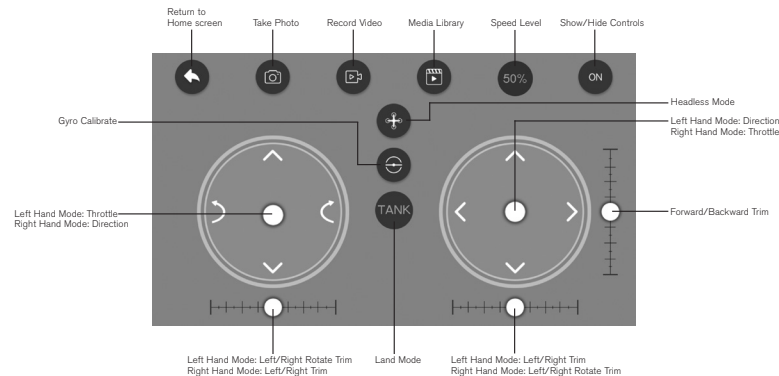
STARTING THE APP

1. Ensure that the battery has been fully charged (see Page 7) and inserted into the battery compartment on the underside of the drone.
2. Attach the two ends of the Power Connector. The drone's lights will blink rapidly. If you will be operating the drone in Land Mode, tuck the Power Connector into the body cavity to protect the wires.
3. Place the drone on a flat surface.
4. On the device on which you downloaded the FLYING TANK app, open the WiFi settings page and select FLYING TANK. This establishes the connection between your drone and your device. (If the FLYING TANK option is not available, ensure that the drone's battery is charged and the two ends of the Power Connector are attached.)
5. From the device's app menu, select the FLYING TANK app. The app's Home Screen displays.
6. The Home Screen lists three options:
 - Tap **Controls** to begin flying or driving your drone.
 - Tap **Setup** for instructions for setting up and using the Flying Tank.
 - Tap **Settings** to save or reset your parameters, and to switch between left-hand and right-hand mode. The default is left-hand mode.

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THE CONTROLS SCREEN







The Controls screen of the FLYING TANK app allows you to control your drone. See Pages 10 and 11 for a description of each control.




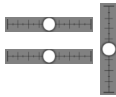








WARNING! Practice controlling your drone in an area that is free of obstacles, buildings, power lines, people, pets, vehicles, or anything that might be damaged should you lose control of your drone. Allow ample practice time before using your drone in more challenging environments.

USING THE CONTROLS

Use the following controls to fly, drive, or take pictures and videos with the Flying Tank.

	Return to Home Screen	Tap to return to the Home Screen.
	Take Photo	Tap to take a photograph of the camera's current view. A message displays the path to the storage location.
	Record Video	Tap to begin taking a video. Tap again to end the video. A message displays the path to the storage location.
	Media Library	Tap, then tap the Pictures icon or the Video icon to view your photos or videos.
	Speed Level	The drone has two speed settings, 50% and 100%. Tap to change speeds. While learning to use the drone, it is advisable to start in the 50% speed setting.
	Show/Hide Controls	Set to OFF by default. Tap to toggle to ON. The controls will display, and the drone's lights will stop blinking, indicating that it is ready to be controlled by the app.

	Headless Mode	Set forward, backward, left and right directions relative to the drone's position from you. Left turns left, right turns right, regardless of the position of the front and back of the drone. Tap to activate Headless Mode. Tap again to deactivate Headless Mode.
	Gyro Calibration	Crashing the drone may cause it to become imbalanced. If this occurs, tap this button to re-calibrate the drone's gyroscope.
	Land Mode	Toggle to switch from flying mode to land (tank) mode.
	Trim Controls: Forward/ Backward, Left/Right, Left/Right Rotate	To ensure that your drone can fly straight and level, you must trim the aircraft so it remains stable both in takeoff and in flight. If the drone drifts slightly in one direction, slide the trimmer controls in the opposite direction. NOTE: It is best to make final trim adjustments when the craft is airborne.
	Throttle	Controls the altitude, or height, of the drone, as well as the yaw (nose turns left or right). In Land Mode, controls the yaw (nose turns left  or right  .
	Direction	Controls the direction of travel of the drone. In Land Mode, controls the forward  and backward  direction of travel.

REPLACING DAMAGED ROTOR BLADES

The drone has four rotor blades, two of which turn clockwise (A) and two turn counterclockwise (B). Four replacement rotor blades are included with your drone, two type A and two type B.

If a rotor blade becomes damaged, replace it by removing the damaged blade and replace it with a new blade *of the same type*.

If you need additional replacement rotor blades, contact your nearest Brookstone retailer or visit our website, brookstone.com.

TROUBLESHOOTING

No response after battery is connected to drone.

Check that the battery has been fully charged and that there is good contact with the battery terminals.

Motor does not respond to throttle stick.

Check that the battery has been fully charged.

Rotor blade continues to spin after landing.

Return the throttle to the zero position.

Rotor blade spins but unable to take off.

Rotor blade may be deformed or the battery may be depleted.

The drone has a strong vibration.

A rotor blade may be deformed.

CARE AND MAINTENANCE

- Clean with a soft, damp cloth.
- Do not use harsh cleaning agents.
- Do not submerge in water or other liquids.
- Check components regularly, such as the rotor blades, chassis, motors. If any component is damaged or worn, do not use the drone until the component has been repaired or replaced.
- Check the drone's battery charge regularly. When storing, ensure that the battery is partially charged. Do not store the battery in a fully charged or discharged state.

SPECIFICATIONS

Drone Size Approx. 16.9 x 8.1 x 4.3 in. (42.8 x 20.6 x 10.8 cm)

Drone Weight Approx. 11.3 oz (319 g)

Battery 7.4V 1000mAh Lithium-Polymer

Range Up to 100 ft (30 m)

Flight Time Between Charges Up to 8 min.

NOTES

ONE (1) YEAR LIMITED WARRANTY

Brookstone® warrants this product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, at its option, Brookstone will either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the product with a new product that is at least functionally equivalent to the original product, or 3) provide a store credit in the amount of the purchase price of the original product. A replacement product or part, including a user-installable part installed in accordance with instructions provided by Brookstone, assumes the remaining warranty of the original product. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Brookstone's property. When a store credit is given, the original product must be returned to Brookstone and becomes Brookstone's property.

Obtaining Service: To obtain warranty service, call Brookstone Limited Warranty Service at 1-800-292-9819. Please be prepared to describe the product that needs service and the nature of the problem. A purchase receipt is required. All repairs and replacements must be authorized in advance. Service options, parts availability and response times will vary. You are responsible for delivery and the cost of delivery of the product or any parts to the authorized service center for replacement, per our instructions.

Limits and Exclusions: Coverage under this Limited Warranty is limited to the United States of America, including the District of Columbia and the U.S. Territories of Guam, Puerto Rico, and the U.S. Virgin Islands. This Limited Warranty applies only to products manufactured for Brookstone that can be identified by the "Brookstone" trademark, trade name, or logo affixed to them or their packaging. The Limited Warranty does not apply to any non-Brookstone products. Manufacturers or

suppliers other than Brookstone may provide their own warranties to the purchaser, but Brookstone, in so far as permitted by law, provides these products "as is." This warranty does not apply to: a) damage caused by failure to follow instructions relating to product's use or the installation of components; b) damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not a representative of Brookstone; d) accessories used in conjunction with a covered product; e) a product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the product including, without limitation, batteries or light bulbs; g) any product sold "as is" including, without limitation, floor demonstration models and refurbished items; or h) a product that is used commercially or for a commercial purpose.

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Some states disallow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

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